



SEQUENCE LISTING

<110> AKZO Nobel NV

<120> An infectious bursal disease virus (IBDV) mutant expressing virus neutralising epitopes specific for classic- and variant IBDV strains

<130> 2003-002-FF-US

<160> 37

<170> PatentIn version 3.2

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gac ccc att cct gct ata ggg ctt gac cca aaa atg gta gcc aca tgt 96
 Asp Pro Ile Pro Ala Ile Gly Leu Asp Pro Lys Met Val Ala Thr Cys
 20 25 30

gac agc agt gac agg ccc aga gtc tac acc ata act gca gcc gat gat 144
 Asp Ser Ser Asp Arg Pro Arg Val Tyr Thr Ile Thr Ala Ala Asp Asp
 35 40 45

tac caa ttc tca tca cag tac caa tca ggt ggg gta aca atc aca ctg 192
 Tyr Gln Phe Ser Ser Gln Tyr Gln Ser Gly Gly Val Thr Ile Thr Leu
 50 55 60

ttc tca gcc aac att gat gct atc aca agc ctc agc att ggg gga gag 240
 Phe Ser Ala Asn Ile Asp Ala Ile Thr Ser Leu Ser Ile Gly Gly Glu
 65 70 75 80

ctc gtg ttc cat aca agc gtc caa ggc ctt gca ctg aac gcc acc atc 288
 Leu Val Phe His Thr Ser Val Gln Gly Leu Ala Leu Asn Ala Thr Ile
 85 90 95

tac ctt ata ggc ttt gat ggg act aca gta atc acc aga gct gtg gcc 336
 Tyr Leu Ile Gly Phe Asp Gly Thr Thr Val Ile Thr Arg Ala Val Ala
 100 105 110

tca gac aat ggg ctg act acc ggc atc gac aat ctt atg cca ttc aat 384
 Ser Asp Asn Gly Leu Thr Thr Gly Ile Asp Asn Leu Met Pro Phe Asn
 115 120 125

ctt gtg att cca acc aac gag ata acc cag cca atc aca tcc atc aaa 432
 Leu Val Ile Pro Thr Asn Glu Ile Thr Gln Pro Ile Thr Ser Ile Lys
 130 135 140

ctg gag ata gtg acc tcc aaa agt ggc ggt cag gca ggg gac cag atg 480
 Leu Glu Ile Val Thr Ser Lys Ser Gly Gly Gln Ala Gly Asp Gln Met
 145 150 155 160

tca tgg tcg gca agt ggg agc cta gca gtg aca atc cat ggt ggc aac 528
 Ser Trp Ser Ala Ser Gly Ser Leu Ala Val Thr Ile His Gly Gly Asn
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 20 25 30

Asp Ser Ser Asp Arg Pro Arg Val Tyr Thr Ile Thr Ala Ala Asp Asp
 35 40 45

Tyr Gln Phe Ser Ser Gln Tyr Gln Ser Gly Gly Val Thr Ile Thr Leu
 50 55 60

Phe Ser Ala Asn Ile Asp Ala Ile Thr Ser Leu Ser Ile Gly Gly Glu
 65 70 75 80

Leu Val Phe His Thr Ser Val Gln Gly Leu Ala Leu Asn Ala Thr Ile
 85 90 95

Tyr Leu Ile Gly Phe Asp Gly Thr Thr Val Ile Thr Arg Ala Val Ala
 100 105 110

Ser Asp Asn Gly Leu Thr Thr Gly Ile Asp Asn Leu Met Pro Phe Asn
 115 120 125

Leu Val Ile Pro Thr Asn Glu Ile Thr Gln Pro Ile Thr Ser Ile Lys
 130 135 140

Leu Glu Ile Val Thr Ser Lys Ser Gly Gly Gln Ala Gly Asp Gln Met
 145 150 155 160

Ser Trp Ser Ala Ser Gly Ser Leu Ala Val Thr Ile His Gly Gly Asn
 165 170 175

Tyr Pro Gly Ala Leu Arg Pro Val Thr Leu Val Ala Tyr Glu Arg
 180 185 190